

GAMING MACHINE

FIELD OF TECHNOLOGY

[0001] The present invention relates to a gaming machine having variable display means for variably displaying various symbols necessary for a game and control means such as microcomputer and the like for controlling the variable display, the gaming machine including so-called Japanese pachi-slot machine; slot machine; ball flipping machine such as the first grade~third grade Japanese pachinko machine, arrange ball machine, mah-jong ball gaming machine or slit-slot machine; video slot machine; video poker machine and the like.

DESCRIPTION OF RELATED ART

[0002] For example, the Japanese pachi-slot machine has a mechanically variable display device in which it is provided a plurality of rotating reels each of which variably displays plural symbols within a display window arranged in front of the machine, the reels being parallel provided in plural lines. According to start operation by a player, the control means drives and controls the variable display device and the reels are rotated, thereby symbols on the reels are variably displayed. And rotation of each reel is stopped automatically or based on stop operation by the player. At that time, in a case that the symbols of each reel displayed within the display window comprises a predetermined combination (the winning mode), game media such as medals or coins are paid out, thereby a predetermined benefit is given to the player.

[0003] Further, it is previously proposed a gaming machine having a plurality of reel drums, reel strips each of which is arranged on an outer periphery of each reel drum and on each outer surface of which the symbols are described in a divided manner, light sources each of which illuminates the symbol division on each reel strip from the backside thereof and is arranged within each reel drum and control means for controlling illumination by the light sources. Here, in the reel strip, the symbol portion is made semitransparent and the background of the symbol is made transparent or semitransparent, and the light source is constructed from a plurality of luminous diodes arranged in a dot-matrix manner. The control means controls light emission of each luminous diode, thereby light emission of the light source is controlled so as to display characters or figures by the emitted diodes.

[0004] See, for example, Japanese unexamined Publication No. 2001-353255.

SUMMARY OF THE INVENTION

[0005] However, the display window in the above mentioned gaming machine is only opened so as to be able to see and recognize each of reels, thus the display window has no interest.

[0006] The object of the present invention is to provide a gaming machine which includes first display means and second display means arranged at a more front side than a display area of the first display means when seen from a front side of the gaming machine, window frame display areas being formed in the second display means, thereby interest for games can be enhanced.

[0007] The gaming machine of the present invention comprises: game result display means for displaying a game result thereon; and beneficial state generating means (for example, the CPU 43 mentioned later) for generating a beneficial state for a player when a predetermined game result is displayed on the game result display means; wherein the game result display means includes first display means (for example, the reels 3L, 3C, 3R) and second display means (for example, the liquid crystal display device 31 mentioned later) arranged at a more front side than a display area of the first display means when seen from a front side of the gaming machine, wherein the first display means includes a plurality of symbol display parts (for example, the reel sheets mentioned later) capable of variably displaying one or more of the symbols and conducting stop display thereof; and wherein the second display means has symbol display areas through which the symbols displayed on the first display means are transmittably displayed and window frame display areas (for example, the window frame display areas 22L, 22C, 22R mentioned later) are formed around the symbol display areas in the second display means.

[0008] In the gaming machine of the present invention, display mode of the window frame display area can be changed (moving and displaying of the rat fireworks, enlargement display of the window frame display area).

[0009] In the gaming machine of the present invention, a light transmittance rate of the symbol display area in the second display means can be changed when the display mode of the window frame display area is changed.

[0010] In the gaming machine of the present invention, the display mode of the window frame display area can be changed substantially at the same time that the stop display of the symbol is conducted.

[0011] The gaming machine of the present invention, further comprises internal winning combination determination means (for example, the CPU 43 mentioned later) for determining an internal winning combination, and the display mode of the window frame display area can be changed when the internal winning combination determination means determines a predetermined combination (for example, bonus such as BB or RB mentioned later) as the internal winning combination.

[0012] According to the present invention, it is provided the gaming machine in which the game result display means includes first display means and second display means arranged at a more front side than a display area of the first display means when seen from a front side of the gaming machine, and the first display means includes a plurality of symbol display parts capable of variably displaying one or more of the symbols and conducting stop display thereof and the second display means has symbol display areas through which the symbols displayed on the first display means are transmittably displayed and window frame display areas are formed around the symbol display areas in the second display means. Thereby, interest for games can be enhanced.

BRIEF DESCRIPTION OF THE DRAWINGS

[0013] [FIG. 1]

[0014] FIG. 1 is a perspective view of a slot machine according to the embodiment,